

STATE OF WISCONSIN DEPARTMENT OF NATURAL RESOURCES

PUBLIC NOTICE OF INTENT TO REISSUE A WISCONSIN POLLUTANT DISCHARGE ELIMINATION SYSTEM (WPDES) PERMIT No.WI-0021326-11-0

Permittee: City of Ladysmith, P O Box 431, Ladysmith, WI, 54848

Facility Where Discharge Occurs: City of Ladysmith, 900 Doughty Road East, Ladysmith, Wisconsin

Receiving Water And Location: Port Arthur Flowage within the Flambeau River in the upper Chippewa River Drainage Basin, Rusk County.

Brief Facility Description and Summary of Proposed Changes: The City of Ladysmith owns and operates a domestic wastewater treatment system. The plant designed to treat 565,000 gallons per day and currently treats an average of 412,000 gallons per day (2017-2021 data). The treatment system consists of a fine screen that removes debris, chemical addition (ferric chloride for phosphorus removal and acid pH adjustment for ammonia compliance) and two aerated lagoons operated in series. Lagoon #2 has a baffle curtain creating a quiescent settling zone. Within these lagoons naturally occurring bacteria and organisms already present in the wastewater break down the organic matter until the wastewater can meet discharge standards. The cleaned wastewater (effluent) is disinfected by ultraviolet disinfection seasonally (May 1<sup>st</sup> to September 30<sup>th</sup>) before being discharged to the Port Arthur Flowage within the Flambeau River.

It is the Department's intention to renew the permit for another term. The proposed new permit expiration date will be March 31, 2027. Appropriate discharge limitations, monitoring requirements, and reporting conditions will be included in the permit. Changes from the previous permit include: [1] Seasonal fecal coliform monitoring and limits have been replaced with *Escherichia coli* (*E. coli*) monitoring and limits. [2] The phosphorus limit has changed from a monthly average of 1.8 mg/L and 8.5 lb/day to 1.0 mg/L and 4.7 lb/day. [3] The ammonia weekly average and monthly average of 110 mg/L has been changed to 108 mg/L. [4] Monthly copper monitoring is required during the 2025 calendar year. [5] Addition of annual sampling for the N series (nitrate +nitrite, total Kjeldahl nitrogen and total nitrogen). [6] Two Acute WET tests are required during the permit term.

Permit Drafter's Name, Address, Phone and Email: Sheri A. Snowbank, DNR, 810 W Maple St, Spooner, WI, 54801, (715) 635-4131, Sheri.Snowbank@wisconsin.gov

Basin Engineer's Name, Address, Phone and Email: Arthur Ryzak, DNR, N4103 Highway 27, Ladysmith, WI 54848, (715) 403-2924, arthur.ryzak@wisconsin.gov

Persons wishing to comment on or object to the proposed permit action, or to request a public hearing, may write to the Department of Natural Resources at the above named permit drafter's address. All comments or suggestions received no later than 30 days after the publication date of this public notice will be considered along with other information on file in making a final decision regarding the permit. Anyone providing comments in response to this public notice will receive a notification of the Department's final decision when the permit is issued. Where designated as a reviewable surface water discharge permit, the U.S. Environmental Protection Agency is allowed up to 90 days to submit comments or objections regarding this permit determination. If no comments are received on the proposed permit from anyone, including U.S. EPA, the permit will be issued as proposed.

The Department may schedule a public informational hearing if requested by any person and shall schedule a public informational hearing if a petition requesting a hearing is received from 5 or more persons or if response to this notice indicates significant public interest pursuant to s. 283.49, Stats. Requests for a public informational hearing shall state the following: the name and address of the person(s) requesting the hearing; the interest in the proposed permit of the person(s) requesting the hearing; the reasons for the request; and the issues proposed to be considered at the hearing.

Information on file for this permit action, including the draft permit, fact sheet and permit application, may be inspected and copied at either the above named permit drafter's office or the above named basin engineer's office, Monday through Friday (except holidays), between 9:00 a.m. and 3:30 p.m. Please call the permit drafter or basin engineer for directions to their office location, if necessary. Information on this permit action may also be obtained by calling the permit drafter at (715) 635-4131 or by writing to the Department. Reasonable costs (15 cents per page for copies and 7 cents per page for scanning) will be charged for information in the file other than the public notice, permit and fact sheet. Permit information is also available on the internet at: <http://dnr.wi.gov/topic/wastewater/PublicNotices.html>. Pursuant to the Americans with Disabilities Act, reasonable accommodation, including the provision of informational material in an alternative format, will be made to qualified individuals upon request.

NAME OF PUBLISHING NEWSPAPER: Ladysmith News

ADDRESS OF PUBLISHING NEWSPAPER: PO Box 189, Ladysmith, WI 54548-0189

Date Notice Issued: February 24, 2022

# STREAMLINED PUBLIC NOTICE VERSION FOR NEWSPAPER

STATE OF WISCONSIN DEPARTMENT OF NATURAL RESOURCES

PUBLIC NOTICE OF INTENT TO REISSUE A WISCONSIN POLLUTANT DISCHARGE ELIMINATION SYSTEM (WPDES) PERMIT No.WI-0021326-11-0

FOR THE COMPLETE PUBLIC NOTICE AND DETAILS GO TO THE WEB LINK:

<http://dnr.wi.gov/topic/wastewater/PublicNotices.html>

Permittee: City of Ladysmith, P O Box 431, Ladysmith, WI, 54848

Facility Where Discharge Occurs: City of Ladysmith, 900 Doughty Road East, Ladysmith, Wisconsin

Receiving Water And Location: Port Arthur Flowage within the Flambeau River in the upper Chippewa River Drainage Basin, Rusk County.

Brief Facility Description: The City of Ladysmith owns and operates a domestic wastewater treatment system that consists of a fine screen, chemical addition (ferric chloride for phosphorus removal and acid pH adjustment for ammonia compliance), two aerated lagoons and seasonal UV disinfection.

Permit Drafter's Name, Address, Phone and Email: Sheri A. Snowbank, DNR, 810 W Maple St, Spooner, WI, 54801, (715) 635-4131, Sheri.Snowbank@wisconsin.gov

Basin Engineer's Name, Address, Phone and Email: Arthur Ryzak, DNR, N4103 Highway 27, Ladysmith, WI, 54848, (715) 403-2924, arthur.ryzak@wisconsin.gov

The Department has tentatively decided that the above specified WPDES permit should be reissued.

Persons wishing to comment on or object to the proposed permit action, or to request a public hearing, may write to the Department of Natural Resources at the permit drafter's address. All comments or suggestions received no later than 30 days after the publication date of this public notice will be considered along with other information on file in making a final decision regarding the permit. Anyone providing comments in response to this public notice will receive a notification of the Department's final decision when the permit is issued.

The Department may schedule a public informational hearing if requested by any person and shall schedule an informational hearing if a petition requesting a hearing is received from 5 or more persons or if response to this notice indicates significant public interest pursuant to s. 283.49, Stats. Information on requesting a hearing is at the above web link.

Limitations and conditions which the Department believes adequately protect the receiving water are included in the proposed permit. Information on file for this permit action, including the draft permit, fact sheet and permit application, may be reviewed on the internet at the above web link or may be inspected and copied at the permit drafter's office during office hours. Information on this permit may also be obtained by calling the permit drafter or by writing to the Department. Reasonable costs (15 cents per page for copies and 7 cents per page for scanning) will be charged for information in the file other than the public notice, permit and fact sheet. Pursuant to the Americans with Disabilities Act, reasonable accommodation, including the provision of informational material in an alternative format, will be made to qualified individuals upon request.